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**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Kazuhiro BARADA et al.

Group Art Unit: 2125

Application No.: 09/592,291

Examiner: M. Von Buhr

Filed: June 12, 2000

Docket No.: 106440

For: METHOD AND APPARATUS FOR MANUFACTURING MAGNETORESISTIVE ELEMENT, SOFTWARE AND SYSTEM FOR CONTROLLING MANUFACTURING OF MAGNETORESISTIVE ELEMENT, SOFTWARE FOR ESTIMATING RESISTANCE VALUE OF MAGNETORESISTIVE ELEMENT, AND COMPUTER SYSTEM

**AMENDMENT UNDER 37 C.F.R. §1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the June 30, 2004 Office Action and the September 27, 2004 personal interview, please consider the following:

**Amendments to the Claims** as reflected in the listing of claims; and

**Remarks.**